

FORM PTO 1449	ATTY. DKT. NO.: US-110	APP. NO.: 10/720,177
INFORMATION DISCLOSURE STATEMENT		
APPLICANT(S): Nakamura et al.		
FILING DATE: November 25, 2003		Group Art Unit: 1632 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUB'N DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DN	US2003/0003550	2 Jan. 2003	Nakamura et al.	435	110	5 Feb. 2002

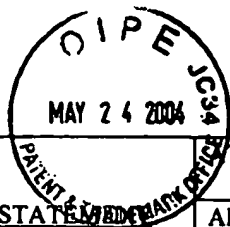
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
DN	EP 0841395	13 May 1998	EPO	C12N	15/52	<input type="checkbox"/> Yes <input type="checkbox"/> No
I	EP 0796912	24 Sep. 1997	EPO	C12N	15/00	<input type="checkbox"/> Yes <input type="checkbox"/> No
I	EP 1077256	21 Feb. 2001	EPO	C12N	9/78	<input type="checkbox"/> Yes <input type="checkbox"/> No
DN	EP 1033407	06 Sep. 2000	EPO	C12N	15/67	<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, Publisher, etc.)

DN	Kanno S. et al., <i>Corynebacterium glutamicum</i> gltB and gltD genes for glutamine 2-oxoglutarate aminotransferase large and small subunits, complete cds., GenBank Accession Number AB024708, 13 Mar. 1999
I	Nakagawa S., Complete genomic sequence of <i>Corynebacterium glutamicum</i> ATCC 13032, GenBank Accession Number AP005281, 24 May 2002; Pertinent pages 1, 133, 282-283.
I	Jakoby M. et al., Isolation of the <i>Corynebacterium glutamicum</i> <i>glnA</i> gene encoding glutamine synthetase I, FEMS Microbiology Letters, 1997, p. 81-88, Vol. 154
I	Huser A. et al., Cloning sequence analysis, and expression of <i>ansB</i> from <i>Pseudomonas fluorescens</i> , encoding periplasmic glutaminase/asparaginase, FEMS Microbiology Letters, 1990, p. 327-335, Vol. 178
I	Beckers G. et al., Glutamate synthetase of <i>Corynebacterium glutamicum</i> is not essential for glutamate synthesis and is regulated by the nitrogen status, Microbiology, 2001, p. 2961-2970, Vol. 147
I	Oshima et al., Studies on L-Glutamic Acid Fermentation to L-Glutamine Fermentation, Amino Acids, 1963, p. 73-77, Vol. 7 (Partial English translation is attached.)
I	Koibuchi et al., Molecular cloning and characterization of a gene encoding glutaminase from <i>Aspergillus oryzae</i> , Appl. Microbiol. Biotechnol., 2000, p. 59-68, Vol. 54
I	Calderon J. et al., Sequence and molecular analysis of the <i>Rhizobium etli</i> <i>glsA</i> gene, encoding a thermolabile glutaminase, Biochimica et Biophysica Acta, 1999, p. 451-456, Vol. 1444
I	Shapiro A. R. et al., Isolation, Characterization, and <i>in Vitro</i> Expression of a cDNA That Encodes the Kidney Isoenzyme of the Mitochondrial Glutaminase, THE JOURNAL OF BIOLOGICAL CHEMISTRY, 1991, p. 18792-18796, Vol. 266, No. 28
I	Hartman C. S., Glutaminase of <i>Escherichia coli</i> , THE JOURNAL OF BIOLOGICAL CHEMISTRY, 1968, p. 853-863, Vol. 243, No. 5
DN	Shulz A.A. et al., Nitrogen and carbon regulation of glutamine synthetase and glutamate synthase in <i>Corynebacterium glutamicum</i> ATCC 13032, FEMS Microbiology Letters, 2001, p. 361-367, Vol. 205

EXAMINER	DATE CONSIDERED 8/28/06
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JN	EP 1 229 121 A	7 Aug. 2002	EPO	C12N	15/52	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
JN	WO 01/00843	4 Jan. 2001	PCT WO 10	C12N	15/31	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
JN	European Search Report	14 Apr. 2004	EPO			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, Publisher, etc.)

JN	Jakoby M. J. et al., <i>Corynebacterium glutamicum</i> glnA gene, EMBL, Accession Number Y13221.1, 22 August 1997
JN	Pompejus M. et al., Sequence 98 from Patent WO0100843, EMBL, Accession Number AX063816.1, 22 January 2001
JN	Patek et al., Promoters from <i>Corynebacterium glutamicum</i> : cloning, Molecular analysis and search for a consensus motif, Microbiology, 1996, Vol. 142, No. 5, pages 1297-1309

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<i>mc</i>	Hartman C. S., Glutaminase of <i>Escherichia coli</i> , THE JOURNAL OF BIOLOGICAL CHEMISTRY, 1968, p. 864-869, Vol. 243, No. 5
<i>mc</i>	Hartman C. S., Glutaminase of <i>Escherichia coli</i> , THE JOURNAL OF BIOLOGICAL CHEMISTRY, 1968, p. 870-878, Vol. 243, No. 5

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FORM PTO 1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DKT. NO.: US-110	APP. NO.: 10/720177
	APPLICANT(S): Nakamura et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUB'N DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>BL</i>	10/798224 11520050014236	1/30/05	Matsuzaki et al.			3-2-2004

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